

Suspension of Unit 3 PCV gas control system at Fukushima Daiichi Nuclear Power Station due to partial pipe replacement with steel pipe and control panel modification

< Reference >

January 28, 2013

Tokyo Electric Power Company

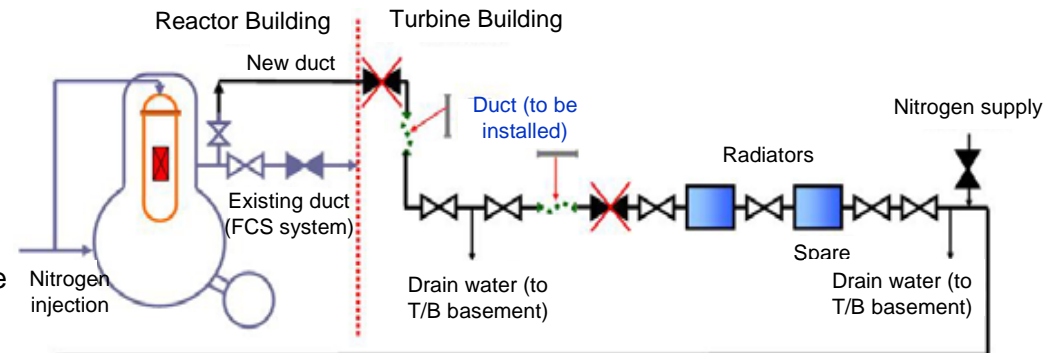
1. Partial duct replacement with steel pipe

The area where duct hose is currently used will be replaced with steel pipe.

Current condition: Duct hose is used in 3 locations on the first floor of the Turbine Building which are susceptible to damage.

Countermeasure: As for 2 out of 3 locations (at the doorway of the feeding water heater room) where workers can access easily and are more susceptible to damage, the duct will be replaced with steel pipe and the layout will be changed.

* The work will not be done for the second floor of the Turbine Building as the radiation dose is high and workers do not enter the area often.

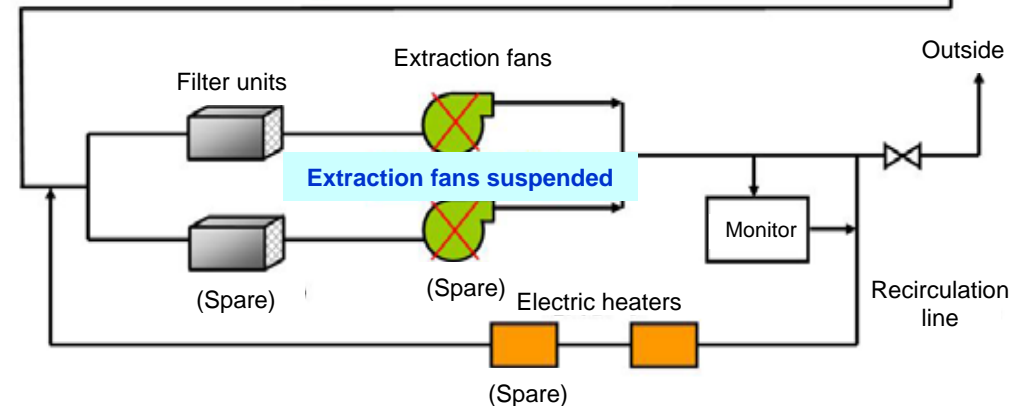


2. Control panel modification

A function to send alarm to the Main Anti-earthquake Building in the case that both extraction fans are suspended has been added.

Current condition: There is no alarm function to be activated when both extraction fans are suspended due to incorrect operation, etc.

Countermeasure: An alarm display “both extraction fans suspended” sent to the Main Anti-earthquake Building has been added. The alarm is also displayed on the control panel at the site.



Overview of the PCV gas control system

The PCV gas control system will be suspended on January 29, 2013 in order to perform the tasks above.

While implementing the above tasks, the air exhaust from the PCV gas control system will be temporarily suspended, which does not satisfy the operational requirement “one channel must be available for operation” applied to the “radiation detector of the PCV gas control system” stipulated in Article 143 of the technical specification. For this reason, Article 136 of the technical specification will be applied in order to perform the tasks as planned.

Duct to be replaced with steel pipe

